

Sheet 1 of 8

FORM 10-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

313-008-2

SERIAL NO.

09/772,016

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

F.J. Maguire

FILING DATE

Jan. 29, 2001

GROUP

2614

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	5 0 7 2 2 1 8	12/91	Spero et al	—	—	
	3 5 4 2 4 5 7	11/70	Balding et al	—	—	
	3 0 5 0 8 7 0	8/62	Heilig	—	—	
	2 9 5 5 1 5 6	10/60	Heilig	—	—	
	4 0 3 4 4 0 1	7/77	Mann	—	—	
	4 0 2 8 7 2 5	6/77	Lewis	—	—	
	4 5 1 3 3 1 7	4/85	Ruoff, Jr.	—	—	
	3 9 5 3 1 1 1	4/76	Fischer et al	—	—	
	3 5 0 7 9 8 8	4/70	Holmes	—	—	
	4 0 4 8 6 5 3	9/77	Spooner	—	—	
	4 3 1 5 2 4 0	2/82	Spooner	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
M	1 0 6 5 5 6 4 0	5/31/95	EPO	—	—	
	1 5 5 6 9 2 4	3/9/93	Japan	—	—	
	1 5 2 1 1 6 2 5	8/20/93	Japan	—	—	
	1 4 2 1 5 5 2 3	1/21/93	Germany	—	—	
N	1 2 2 7 2 1 2 4	5/4/94	Great Britain	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

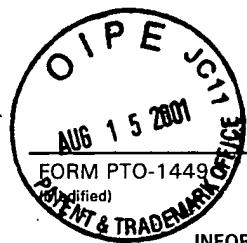
M	"A head-mounted three dimensional display," Ivan E. Sutherland,
	1968, Fall Joint Computer Conference
	"A Review and Investigation of Aiming and Tracking Performance
	with Head-Mounted Sights," Wells and Griffin, IEEE Trans. on
	Systems, Man, and Cybernetics, Vol. SMC-17, No. 2,
	March/April 1987

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3/23/04

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FORM PTO-1449
(Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE

U.S. DEPARTMENT OF COMMERCE PATENT
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ATTY. DOCKET NO.

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F.J. Maguire

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 3 1 5 2 4 1	2/82	Spooner	—	—	
	4 3 4 9 8 1 5	9/82	Spooner	—	—	
	4 2 8 3 1 7 7	8/81	Kron et al	—	—	
	4 8 2 3 2 7 1	4/89	Clark et al	—	—	
	3 5 7 6 9 4 5	5/71	Ebeling	—	—	
	3 8 8 3 2 3 5	5/75	Lynn et al	—	—	
	5 1 7 5 6 1 6	12/92	Milgram et al	—	—	
	4 1 9 7 8 5 5	4/80	Lewin	—	—	
	4 3 7 5 6 7 4	3/83	Thornton	—	—	
	4 5 8 6 5 1 5	5/86	Berger	—	—	
	3 7 1 2 7 1 6	1/73	Cornsweet et al	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
W	3 2 9 2 0 9 3	12/24/91	Japan	—	—	X	

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

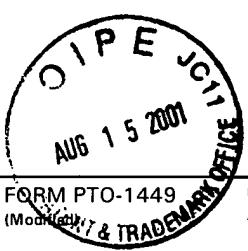
W		"Effortless computing: the eyes have it", SCIENCE,
		April 1986, page 12
		"Stereo Eye Movement," Davi Geiger and Alan Yuille,
		Jan. 1988, MIT Artificial Intelligence Laboratory,
		AI Memo No. 927

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	3 7 8 6 4 5 8	1/74	Horner et al	—	—	
	3 9 1 7 4 1 2	11/75	Stoutmeyer et al	—	—	
	5 1 3 0 7 9 4	7/92	Ritchey	—	—	
	4 6 7 2 4 3 8	6/87	Plante et al	—	✓	
	4 7 5 7 3 8 0	7/88	Smets et al	—	—	
	4 1 0 9 1 4 5	8/78	Graf	—	—	
	4 8 5 3 7 6 4	8/89	Sutter	—	—	
	3 4 5 0 4 6 6	6/69	Streisinger	—	—	
	4 5 6 1 4 4 8	12/85	Buchas	—	—	
O	4 1 9 9 7 8 5	4/80	McCullough et al	—	—	
	4 2 3 1 0 6 6	10/80	Merchant	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

M	/	"Image Focusing In Space and Time," M.W. Siegel, CMU-RI-TR-88-2
		Intelligent Sensors Lab, The Robotics Institute,
		Carnegie Mellon University, Feb. 1988
		Fakespace Labs BOOM 3C, product description dated 9 February 1994

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WJ	3 8 6 9 6 9 4	3/75	Merchant et al	—	—	
	3 8 5 0 5 1 1	11/74	Merchant	—	—	
	3 5 9 3 2 8 6	7/71	Altman	—	—	
	3 3 7 9 8 8 5	4/68	Nork	—	—	
	3 4 7 3 8 6 8	10/69	Young et al	—	—	
	2 1 6 8 5 6 6	8/39	Goldsmith	—	—	
OJ	3 3 7 9 8 3 3	4/68	Hecker et al	—	—	
	5 0 4 9 9 8 8	9/91	Sefton et al	—	—	
	4 9 8 2 2 7 8	1/91	Dahl et al	—	—	
	3 4 6 2 6 0 4	8/69	Mason	—	—	
	4 8 1 9 0 6 4	4/89	Diner	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

WJ		"A Three Dimensional Electronic Retina Architecture,"
		G. Salada, MSEE Thesis, US Air Force Institute of
		Technology, December 1987, AFIT/GCS/ENG/87D-23

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EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 1 8 9 7 4 4	2/80	Stern	—	—	
	3 7 4 6 7 8 2	7/73	Driskell	—	—	
	4 2 4 6 6 0 5	1/81	La Russa	—	—	
	5 2 9 6 8 8 8	3/94	Yamada	—	—	
	5 2 4 5 3 7 1	9/93	Nagano et al	—	—	
	5 3 6 3 2 4 1	11/94	Hegg et al	—	—	
	5 1 2 5 7 3 3	6/92	Lee	—	—	
	5 3 6 5 3 7 0	11/94	Hudgins	—	—	
	5 2 5 2 9 5 0	10/93	Saunders et al	—	—	
	4 9 7 9 0 3 3	12/90	Stephens	—	—	
	4 4 0 5 9 4 3	9/83	Kanaly	—	—	

FOREIGN PATENT DOCUMENTS

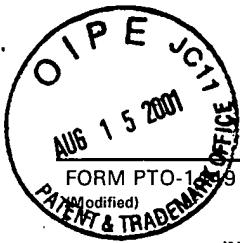
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	News Release, Nov. 14, 1994, "Telepresence Research Creates 'Virtual Brewery Adventure'" to immerse visitors in
	Sapporo Beer, Portola Valley, California

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Sheet 6 of 8

FORM PTO-149
(10-01)
(modified)

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(37 CFR 1.98(b))

APPLICANT

F.J. Maguire

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
V	4 5 1 6 1 5 7	5/85	Campbell	—	—	
	3 3 3 6 5 8 7	8/67	Brown	—	—	
	3 2 3 4 3 2 7	2/66	McMann	—	—	
	3 6 6 3 0 9 8	5/72	Merchant	—	—	
	3 1 1 3 1 8 0	12/63	Bingley et al	—	—	
	4 2 0 9 2 5 5	6/80	Heynau et al	—	—	
	4 5 5 9 5 5 5	12/85	Schoolman	—	—	
	3 8 6 4 0 3 0	2/75	Cornsweet	—	—	
	4 1 9 0 3 3 2	2/80	Body et al	—	—	
N	4 9 6 7 2 6 8	10/90	Lipton et al	—	—	
	5 4 3 6 6 3 8	7/95	Bolas et al	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES

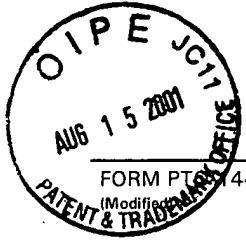
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U.S. PATENT DOCUMENTS

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W	5 7 3 7 0 1 2	4/98	Tabata et al	—	—	
	5 6 1 5 1 3 2	3/97	Horton et al	—	—	
	5 3 9 4 5 1 7	2/95	Kalawsky	—	—	
	4 3 4 8 1 8 6	9/82	Harvey et al	—	—	
	5 4 2 3 2 1 5	6/95	Frankel	—	—	
	4 3 0 3 3 9 4	12/81	Berke et al	—	—	
	4 6 3 4 3 8 4	1/87	Neves et al	—	—	
	6 2 5 9 5 6 5	7/01	Kawamura et al	—	—	
	5 5 4 6 2 2 4	8/96	Yokota	—	—	
1	6 2 3 4 4 4 6	5/01	Patterson	—	—	
	5 7 9 1 7 3 5	8/98	Helman	—	—	

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FORM PT 449
(M-15G-4)

**U.S. DEPARTMENT OF COMMERCE PATENT
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ATTY. DOCKET NO.

SERIAL NO.

09/772,016

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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F.J. Maquire

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